

Title (en)

LOCALIZATION BASED ON AN ELECTROMAGNETIC MULTIPATH DELAY PROFILE

Title (de)

LOKALISIERUNG BASIEREND AUF EINEM ELEKTROMAGNETISCHEN MEHRWEGVERZÖGERUNGSPROFIL

Title (fr)

LOCALISATION BASÉE SUR UN PROFIL DE RETARD MULTITRAJET ÉLECTROMAGNÉTIQUE

Publication

EP 3441782 B1 20210224 (EN)

Application

EP 17186016 A 20170811

Priority

EP 17186016 A 20170811

Abstract (en)

[origin: EP3441782A1] A method for generating a localization map comprises receiving, at a first location, a first electromagnetic signal corresponding to a first plurality of propagation paths between at least one electromagnetic emitter and said first location; extracting, from said first electromagnetic signal, a first plurality of propagation components corresponding to said first plurality of propagation paths; receiving, at a second location different from said first location, a second electromagnetic signal corresponding to a second plurality of propagation paths between said at least one electromagnetic emitter and said second location; extracting, from said second electromagnetic signal, a second plurality of propagation components corresponding to said second plurality of propagation paths; and associating said first plurality of propagation components with said first location and said second plurality of propagation components with said second location in a database.

IPC 8 full level

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CPC (source: EP US)

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